

1100

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Statistical Reporting Service  
and  
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Weather Bureau

Nebr. Dept. of Agr. & Economic Development  
Division of Agr'l. Statistics  
Agricultural Extension Service  
of Nebr. College of Agriculture

### NEBRASKA WEEKLY WEATHER AND CROP REPORT

Release 8/31/64

Week Ending 8/31/64

WEATHER It was another cool week with temperatures averaging 5 to 8 degrees below normal in the east and 9 to 11 degrees below in the west. Maxima were in the 70s and 80s most days, except when they reached the 90s in the extreme southeast Monday and in the western half of the State on Wednesday. The highest reported temperature during the week was an even 100 degrees at Imperial and Chadron on Wednesday. Readings remained in the 60s along the northern border and in the Panhandle all day Monday and again Thursday. Nighttime readings were also well below normal, except on Thursday and Saturday mornings when temperatures were near to normal, or slightly above. Readings in the 40s and 50s were common across the State and temperatures fell into the 30s in the Panhandle on three mornings and in the central area twice. Frost was observed in spots. The lowest reading reported was 34° at Harrisburg on Friday morning.

Precipitation occurred as scattered light showers in the extreme southeast on Monday and in the Panhandle Wednesday. There was general shower activity throughout the State Thursday with totals averaging about one-tenth of an inch in the western half, but amounts in the eastern third ranged from a half inch upward to two inches. Thunderstorms Thursday night brought some hail, high winds, and tornado activity in the southeastern section. The eastern third had scattered showers again Saturday with variable amounts of moisture.

CROPS Slightly more than 75 percent of the corn crop has now reached or is beyond the dough stage. Normally, approximately 40 percent of the corn has reached or passed the same stage of maturity. About 35 percent of the corn has begun to dent. Soybeans and sorghums have responded fairly well in those areas receiving rain. However, those crops which were held back several weeks by the dry weather will need several days of frost-free weather to reach maturity. The adverse weather conditions experienced this summer have developed widely varying conditions in the crops and crop progress in most areas.

The sowing of winter wheat is underway but less than 1 percent of the acreage has been seeded. The extremely dry topsoil condition in the Panhandle area and parts of the southwest need to be relieved before sowing can begin if good germination is going to be realized. The fall seeding of legumes is about 15 percent completed.

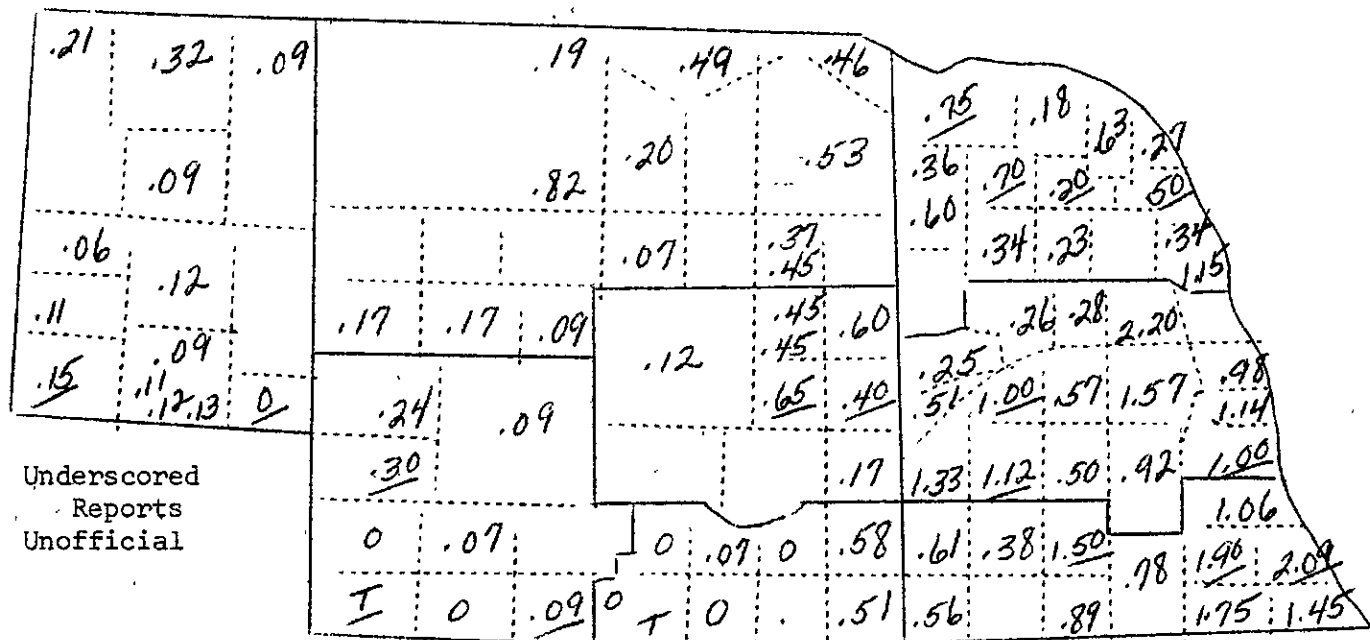
The dry bean crop is running about two weeks later than normal. The strong winds which occurred during the last two weeks were damaging to the beans, especially to those fields nearing maturity. The digging of fall potatoes is starting in the Mirage Flats area and is picking up in the Platte Valley. The sugar beet crop has been making good progress and if frost stays away the sugar content should be good.

Nearly three-fourths of the third cutting of alfalfa has been harvested. Yields of alfalfa have varied considerably with many being quite light. Harvest of the fourth cutting is underway in a few areas. Pastures have shown substantial improvement where recent rains fell and good fall growth is now expected. Range feed is generally adequate but is becoming short in sections of the critically dry west.

LIVESTOCK Feedlot livestock have benefited from the more moderate temperatures.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING AUGUST 31, 1964

| East         |      | Central      |     | West        |     |
|--------------|------|--------------|-----|-------------|-----|
| Grand Island | .17  | Burwell      | .45 | Chadron     | .32 |
| Lincoln      | 1.16 | North Platte | .09 | Imperial    | 0   |
| Norfolk      | 1.05 | Valentine    | .19 | Scottsbluff | .06 |
| Omaha        | 1.16 |              |     | Sidney      | .12 |
| Sioux City   | .77  |              |     |             |     |



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HIGHEST AND LOWEST TEMPERATURE      (Highs for 24 hours ending at 12:01 a.m., and  
    lows for 12 hours ending at 6:00 a.m., CST)

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|     |              | August |     |      |     |      |     |      |     |      |     |      |     |      |     |
|-----|--------------|--------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|
|     |              | 25th   |     | 26th |     | 27th |     | 28th |     | 29th |     | 30th |     | 31st |     |
|     |              | Max    | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min | Max  | Min |
| NW  | Chadron      | 65     | 38  | 83   | 49  | 100  | 56  | 64   | 40  | 86   | 52  | 71   | 41  | 86   | 64  |
|     | Scottsbluff  | 66     | 42  | 82   | 44  | 95   | 58  | 65   | 39  | 86   | 52  | 73   | 37  | 85   | 60  |
|     | Sidney       | 67     | 39  | 80   | 48  | 97   | 58  | 66   | 36  | 86   | 50  | 73   | 37  | 84   | 60  |
| NC  | Burwell      | 69     | 41  | 75   | 51  | 83   | 57  | 66   | 46  | 80   | 62  | 79   | 47  | 83   | --  |
|     | Valentine    | 66     | 40  | 75   | 56  | 96   | 61  | 66   | 45  | 86   | 61  | 77   | 46  | 82   | 60  |
| NE  | Norfolk      | 72     | 46  | 74   | 48  | 82   | 64  | 73   | 53  | 79   | 63  | 83   | 54  | 79   | 55  |
|     | Sioux City   | 75     | 48  | 72   | 50  | 78   | 65  | 76   | 55  | 77   | 60  | 78   | 56  | 77   | 58  |
| CEN | Grand Island | 80     | 48  | 73   | 52  | 85   | 63  | 72   | 47  | 80   | 62  | 84   | 49  | 80   | 57  |
| EC  | Lincoln      | 89     | 54  | 76   | 54  | 85   | 63  | 87   | 56  | 79   | 65  | 85   | 58  | 82   | 65  |
|     | Omaha        | 84     | 47  | 72   | 51  | 79   | 63  | 83   | 53  | 77   | 63  | 80   | 56  | 77   | 61  |
| SW  | Imperial     | 70     | 42  | 79   | 52  | 100  | 63  | 70   | 37  | 90   | 58  | 78   | 41  | 86   | 59  |
|     | North Platte | 70     | 41  | 76   | 53  | 95   | 62  | 71   | 42  | 88   | 64  | 81   | 41  | 83   | 56  |

Precipitation, April 1 - August 28, 1964

|                      | NW    | NC    | NE    | CEN   | EC    | SW    | SC    | SE    |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total past week      | .13   | .32   | .45   | .27   | .88   | .07   | .15   | .94   |
| Total since April 1  | 9.22  | 14.96 | 19.62 | 14.60 | 22.88 | 11.80 | 13.92 | 18.83 |
| Normal since April 1 | 11.18 | 13.51 | 15.81 | 14.62 | 16.98 | 12.72 | 14.69 | 18.17 |